Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/996,019      | MAEDA ET AL. |
| Examiner        | Art Unit     |

√ Rejected
= Allowed

- (Through numeral)
Cancelled

Restricted

N Non-Elected
I Interference

Tammy T Nguyen

A Appeal
O Objected

2144

|              |   |  |  |                                     |  |              | l        | ı        |  | <u> </u>        |
|--------------|---|--|--|-------------------------------------|--|--------------|----------|----------|--|-----------------|
|              |   | Date   |  |                                     |  |              |          |          |  |                 |
| Cla          | <u> </u>  |  |  |                                     | Jate                                     | <del>,</del> | _        |          | $\dashv$   |                 |
|              | <u>a</u>  | 35   | 05                                       | 9                                   | 11/21/06                                 |              |          |          |  |                 |
| Finat        | Original  | 7/11/05  | 10/27/05                                 | 90/2/9                              | 71                                       |              |          | ,        |  |                 |
| L L          | Ö   | 17   | 10/                                      | 9                                   | 11                                       |              |          |          |  |                 |
|              |   |  |  | <u> </u>                            |  |              |          |          |  | Ш               |
|              | 1   | 1  | <b>V</b>                                 | 1                                   | ٧  |              | Щ        |          |  | Ш               |
|              | 2   | 1  | 1  | V                                   | 1  |              | Ш        |          |  | Ш               |
|              | 3   | 1  | 1  | 1                                   | ٧  |              | Щ        |          | _  | Ш               |
|              | _4  | 1  | 1  | 1                                   | ٧  |              |          |          |  | Ш               |
|              | 5   | 1  | 1  | 1                                   | 1  |              |          |          |  | Ш               |
|              | 6   | 1  | <u> </u>                                 | 1                                   | 1  |              |          |          |  | Ш               |
|              | 7   | 1  | 1  | 1                                   | 1  |              | L        |          |  | Ш               |
|              | 8   | 1  | 1  | 1                                   | √  |              |          |          |  |                 |
|              | 9   | 1  | 1  | ۷.                                  | 1  |              |          |          |  |                 |
|              | 10  | 1  | 4  | 1                                   | 1  |              |          |          |  |                 |
|              | 11  | 1  | 1  | 1                                   | V  |              |          |          |  |                 |
|              | 12  | 1  | 1  | 1                                   | 1  |              |          |          |  |                 |
|              | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>31 | ファ         | ファ | ファファファファファファファファ                    | ファ |              |          |          |  |                 |
|              | 14  | 1  | 1  | <b>V</b>                            | V  |              |          |          |  |                 |
|              | 15  | 1  | V  | V                                   | 1  |              |          |          |  | П               |
|              | 16  | 1  | 1  | √                                   | 1  |              |          |          | Г  | $\Box$          |
|              | 17  | 1  | √  | 1                                   | 1  |              |          |          |  | П               |
|              | 18  | V  | 1  | 1                                   | 1  |              |          |          |  | П               |
|              | 19  | V  | 1  |                                     | 1  | Г            |          |          | $\vdash$   | П               |
| -            | 20  | 1  | 1  | 1                                   | V  | Т            | $\vdash$ | $\vdash$ | _  | П               |
|              | 21  | ΙŤ   | Ė  | H                                   | 广  | <u> </u>     |          |          | H  | П               |
|              | 22  | ╁  | Н  |                                     | -  | -            | -        |          | $\vdash$   | Н               |
|              | 23  | <del>                                     </del> | $\vdash$                                 | $\vdash$                            | $\vdash$                                 | _            |          | $\vdash$ | <del>                                     </del> | Н               |
|              | 24  | ╁─   | $\vdash$                                 | ┢                                   | $\vdash$                                 | $\vdash$     | _        | -        | ├  | Н               |
|              | 25  | ┢  | -  | -                                   |  | -            | -        | $\vdash$ | $\vdash$   | Н               |
| -            | 26  | ┢  |  |                                     | ⊢  | -            |          | $\vdash$ | $\vdash$   | Н               |
|              | 27  | ╁╾   | $\vdash$                                 | -                                   | ╁  | _            |          | -        |  | $\vdash$        |
|              | 28  | ┢  | ┢  | ├                                   | Η.                                       | ┢            |          | ├        | -  | $\vdash$        |
|              | 20  | <u> </u>   | -  | ┝                                   | ┢┉                                       | -            | $\vdash$ | ┢        | -  | Н               |
|              | 30  | ┝  | -  | -                                   |  | $\vdash$     | -        | ├─       | -  | $\vdash$        |
|              | 31  | -  | ⊢  |                                     |  | ⊢            | -        | -        |  | Н               |
|              | 32  | ┢  | -  | $\vdash$                            | $\vdash$                                 | $\vdash$     |          | ├─       | -  | $\vdash$        |
|              | 32  | ├  | -  | $\vdash$                            | ⊢  | -            | -        | ⊢        |  | Н               |
| <b></b>      | 32<br>33<br>34<br>35  | $\vdash$   | ├-                                       | $\vdash$                            | -  | -            | -        | ├        | -  | Н               |
| <del> </del> | 35  |  | ├  | ├-                                  | ⊢  | $\vdash$     | $\vdash$ |          | ├─   | $\vdash \vdash$ |
| <u> </u>     | 35  | -  | $\vdash$                                 | -                                   | $\vdash$                                 | $\vdash$     | -        | ├-       |  | $\vdash \vdash$ |
|              | 36<br>37  | $\vdash$   | $\vdash$                                 | $\vdash$                            |  |              | $\vdash$ | -        | _  | Н               |
|              | 3/  | -  |  | ├                                   | $\vdash$                                 | $\vdash$     |          | $\vdash$ | ├—   | Н               |
| <u> </u>     | 38<br>39  | 1  | <u> </u>                                 | <u> </u>                            |  | ⊢            | ⊢        | $\vdash$ | <u> </u>   | $\vdash$        |
|              |   | -  | <u> — </u>                               | <u> </u>                            | <del> </del>                             | -            | $\vdash$ | <u> </u> |  | $\vdash$        |
|              | 40  | $\vdash$   | _  | <u> </u>                            | _  | -            |          | ⊢        | <u> </u>   | Н               |
| <b></b>      | 41  | <del> </del>                                     | <del> </del> —                           | ├-                                  |  |              | $\vdash$ | $\vdash$ | ├-   | $\vdash$        |
| <u> </u>     | 42  | <b></b>  | <u> </u>                                 | <u> </u>                            | L_                                       | <u> </u>     | <u> </u> | <u> </u> | <u> </u>   | $\vdash$        |
| <u> </u>     | 43  | ₩  | <u> </u>                                 | <u> </u>                            | <u> </u>                                 | <u> </u>     | <u> </u> | <u> </u> | <u> </u>   | $\sqcup$        |
| <u> </u>     | 44  | <u> </u>   | 1  | <u> </u>                            | <u> </u>                                 |              | <u> </u> | <u> </u> | <u> </u>   | Ш               |
|              | 45  |  |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>                                 | L_           | _        | <u> </u> |  | Щ               |
| <u> </u>     | 46  | oxdot  | L.                                       | L                                   | <u> </u>                                 |              | <u></u>  |          | <u> </u>   | Ш               |
| <u> </u>     | 47  |  |  |                                     | 1  | L            | <u>L</u> | <u> </u> |  | Ш               |
|              | 48  | L  | Ĺ  |                                     |  |              |          |          |  |                 |
|              | 49  |  |  |                                     |  |              | Ĺ        | L        | oxdot  | $\Box$          |
|              | 50  |  |  |                                     |  |              |          |          |  |                 |
|              |   |  |  | _                                   |  | _            |          | •        | _  |                 |

|          |          |              |          |                    |              | <del></del>                                      |          |          |                                     |          |
|----------|----------|--------------|----------|--------------------|--------------|--|----------|----------|-------------------------------------|----------|
| Cla      | ım _     | L.,          |          |                    |              | Date   |          |          |                                     |          |
| Final    | Original |              |          |                    |              |  |          |          |                                     |          |
|          | 51       |              |          |                    |              |  |          |          |                                     |          |
|          | 52<br>53 |              |          |                    |              |  |          |          |                                     |          |
| ļ.,      | 53       |              |          |                    |              |  |          |          |                                     |          |
| L        | 54       |              |          |                    |              |  |          |          |                                     | _        |
|          | 55       |              |          |                    |              |  | Ш        |          |                                     |          |
|          | 56       |              |          |                    |              |  |          |          |                                     |          |
| ļ        | 57       | _            |          |                    | _            |  |          |          |                                     |          |
| <b> </b> | 58       |              |          |                    |              |  |          |          |                                     |          |
|          | 59       |              |          |                    |              |  |          |          | _                                   |          |
| -        | 60       | _            |          |                    | _            | _  |          |          |                                     | -        |
|          | 61       |              |          |                    |              | _  |          | _        | _                                   |          |
|          | 62       |              |          |                    | _            |  | _        |          |                                     |          |
|          | 63       | <u> </u>     |          |                    | $\vdash$     |  |          | _        | H                                   |          |
| <u></u>  | 64       | _            |          |                    |              |  |          | _        |                                     |          |
|          | 65       | <u> </u>     |          |                    |              | <u> </u>   |          |          | ⊢                                   |          |
| -        | 66       | _            |          | _                  |              |  | -        | _        | ⊢                                   | -        |
|          | 67       | _            | $\vdash$ | _                  | <u> </u>     | _  | -        |          |                                     |          |
|          | 68<br>69 | -            | H        | _                  | -            |  | _        |          | ┝                                   | -        |
| <b></b>  | 70       | <del> </del> |          | _                  | -            |  | H        | <u> </u> |                                     | -        |
|          | 70       |              | -        |                    | $\vdash$     |  | -        |          |                                     | <u> </u> |
| -        | 71<br>72 | ⊢            |          | -                  | ⊢            | H  |          |          | -                                   | _        |
|          | 73       | ⊢            | -        | -                  | $\vdash$     | ⊢  | -        | _        | ⊢                                   |          |
|          | 74       | ⊢            | $\vdash$ | -                  | ├—           | <del> </del>                                     | -        |          |                                     |          |
| -        | 74<br>75 | $\vdash$     | -        |                    | $\vdash$     | <del>                                     </del> |          |          | -                                   | _        |
| -        | 76       | $\vdash$     | -        |                    | $\vdash$     |  | -        | _        |                                     | _        |
| $\vdash$ | 77       | ┢            |          | $\vdash$           | <del> </del> | <del> </del>                                     | -        |          | <del>-</del>                        | -        |
|          | 78       | ┢            |          |                    | l –          | $\vdash$   |          |          | _                                   | -        |
|          | 79       | $\vdash$     | -        | -                  |              | Н  |          |          | _                                   | _        |
| <b>—</b> | 80       | t            | H        |                    |              |  |          | _        | T                                   | Г        |
|          | 81       |              | <u> </u> | $\vdash$           |              |  |          | _        |                                     |          |
|          | 82       |              |          |                    |              |  |          |          |                                     | Т        |
|          | 82<br>83 |              | Г        |                    |              | П  | Г        |          | Ī                                   | Г        |
|          | 84       |              |          |                    |              |  |          |          | П                                   |          |
|          | 85       |              |          |                    |              |  |          |          |                                     |          |
|          | 86       |              |          |                    |              |  |          |          |                                     |          |
|          | 87       |              |          |                    |              |  |          |          |                                     |          |
|          | 88       |              |          | L                  |              |  |          |          |                                     |          |
|          | 89       |              |          | $oxedsymbol{oxed}$ |              |  | <u> </u> |          | _                                   | L        |
|          | 90       |              |          | L                  | <u> </u>     | _  | L        | L        |                                     | L        |
|          | 91       |              | _        | L                  | <u> </u>     | <u> </u>   |          | _        |                                     | L        |
| <u></u>  | 92       | L            |          |                    | L_           | <u> </u>   | L.       | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        |
|          | 93       | L            | <u> </u> | <u> </u>           | <u> </u>     |  | <u> </u> | <u> </u> | _                                   | _        |
|          | 94       | L.           | <u> </u> | <u> </u>           | <u> </u>     | <u> </u>   | Ļ_       | <u> </u> | <u> </u>                            | _        |
| ļ        | 95       | <u> </u>     | <u> </u> | <u> </u>           | <u> </u>     | <u> </u>   | _        | _        | <b>—</b>                            | $\vdash$ |
|          | 96       | <u> </u>     | ├        | <b> </b>           | <u> </u>     | <u> </u>   | <u> </u> | -        | <u> </u>                            | <u> </u> |
| <u> </u> | 97       | <u> </u>     | ⊢-       | <u> </u>           | <u> </u>     | $\vdash$   | ├        | <u> </u> | <b>!</b>                            | <b>.</b> |
| -        | 98       | $\vdash$     | <u> </u> | $\vdash$           | <u> </u>     | <u> </u>   | ⊢-       | <u> </u> | ⊢-                                  | -        |
| <u> </u> | 99       | <u> </u>     | ├-       | -                  | ├-           | <del>                                     </del> | ⊢        | <u> </u> | <u> </u>                            | L        |
|          | 100      | <u> </u>     | L.,      | L                  | L            | <u> </u>   | <u></u>  | L_       | <u> </u>                            | L        |

|  | •   |              |              |              |          |            |          |               |  |           |
|--|---|--------------|--------------|--------------|----------|------------|----------|---------------|--|-----------|
| CI   | Date  |              |              |              |          |            |          |               |  |           |
| Final  | Original                                      |              |              |              |          |            |          |               |  |           |
|  | 101<br>102<br>103<br>104                      |              |              |              |          |            |          |               |  | $\exists$ |
|  | 102   |              |              |              |          |            |          |               |  |           |
|  | 103   | L.           |              |              |          |            |          |               |  |           |
|  | 104   |              | _            |              |          |            | _        |               |  |           |
|  | 105<br>106                                    | _            | _            |              |          | -          |          |               |  |           |
|  | 106   |              | H            | _            |          |            | _        |               |  |           |
|  | 108   |              | -            | -            |          |            | _        |               |  |           |
|  | 109   | $\vdash$     | $\vdash$     | $\vdash$     |          |            | -        | -             |  |           |
|  | 110   |              |              |              |          | _          |          |               |  |           |
|  | 111<br>112                                    |              |              |              |          |            |          |               |  |           |
|  | 112   |              |              |              |          |            |          |               |  | $\Box$    |
|  | 113<br>114<br>115                             |              |              |              | _        |            |          |               | _  |           |
|  | 114   |              |              |              | _        | ļ          | <u> </u> | _             |  | Н         |
| _  | 115   |              |              |              | <u> </u> |            |          |               | _  | $\dashv$  |
| -  | 116<br>117                                    | -            |              | $\vdash$     | ┝╌       | <u> </u>   | -        | -             |  | $\dashv$  |
|  | 118   |              |              | -            | -        | -          |          | H             | _  | Н         |
|  | 118<br>119                                    |              |              | ┢            | _        |            |          |               |  |           |
|  | 1 120   |              |              | ٠.           |          |            |          |               |  |           |
|  | 121   |              |              |              |          |            |          |               |  |           |
|  | 121<br>122<br>123                             |              |              | _            | _        |            | <u> </u> | $oxed{oxed}$  |  |           |
| Ľ  | 123   | _            |              | _            | _        | _          | <u> </u> | _             |  |           |
|  | 124   | _            | <u> </u>     | ļ            |          | _          | _        | l-            | _  |           |
| <b></b>  | 125   | ┢╌           |              | -            | ┝        | -          | -        | _             | —  | $\vdash$  |
| _  | 127   | ├            | -            | $\vdash$     | -        |            | -        | -             | H  | H         |
|  | 128   | t            |              | -            | -        | -          | $\vdash$ |               |  |           |
|  | 129   |              | Τ            |              |          |            | Τ        |               |  |           |
|  | 124<br>125<br>126<br>127<br>128<br>129<br>130 |              |              |              |          |            |          |               |  |           |
|  | l 131   | igspace      |              |              |          |            | _        |               | L  |           |
|  | 132<br>133<br>134                             | <u> </u>     | <u> </u>     | _            | _        | <u> </u>   | L        |               |  | Ш         |
| <u> </u>   | 133   | <u> </u>     | ⊢-           | <u> </u>     | ├-       | <u> </u> _ | -        | _             | <u> </u>   | Щ         |
|  | 134   | ⊢            | ļ            | -            |          | _          | ├-       | H             | ├  | Н         |
| -  | 135<br>136                                    | ╁╌           | $\vdash$     |              | -        |            | -        | ├             | <del>                                     </del> | Н         |
|  | 137   | $\vdash$     | -            | $\vdash$     | 1        | -          |          | ┢             | H  | $\vdash$  |
|  | 137<br>138                                    |              |              |              | 1        | 1          |          |               | _  | П         |
|  | 139   |              |              |              |          |            |          |               |  |           |
|  | 140   | 匚            |              |              |          |            |          | Ĺ             |  | $\Box$    |
|  | 141   | <u> </u>     |              | <b> </b>     | <u> </u> | _          | _        | _             | L  | Ш         |
| <u> </u>   | 142   | -            | -            | <del> </del> | -        | -          | -        |               | _  | Н         |
| <u> </u>   | 143   | <del> </del> | ├            | ļ .          |          | ⊢          | ⊢        | -             | ├  | $\vdash$  |
| <del>                                     </del> | 144   | +-           | -            | ╁            | $\vdash$ | -          | -        | -             | $\vdash$   | Н         |
| $\vdash$   | 146   | $\vdash$     | <del> </del> | $\vdash$     | $\vdash$ | -          | $\vdash$ | <del> -</del> | _  | H         |
|  | 147   | 1            | T            | Τ            |          | $\vdash$   | 1        |               | Γ  | $\sqcap$  |
|  | 148   |              |              |              |          |            | L        |               |  |           |
|  | 149   | 匚            |              |              |          |            |          |               |  |           |
|  | 150   | L            |              |              |          |            |          |               |  | Ш         |